

CARRIER DEVICE AND METHOD FOR A MULTIPLE DISC ARRAY**Abstract of the Disclosure**

A carrier for supporting a circuit board and one or more data storage devices in a multiple disc array assembly. The carrier includes a partition with channel surfaces defining a tubular closed passage. The channel surfaces are adapted for circumscribing a cross section of the data storage device in a supporting mating relationship. The carrier further includes means for urging a data storage device in the passage in pressing engagement against the circuit board. Furthermore, a method for supporting a plurality of data storage devices in the multiple disc array. The method includes providing a carrier from a plurality of different carriers differentiated by a characteristic array of tubular closed channels for supportingly engaging data storage devices; inserting one or more data storage devices in a respective number of channels defining the multiple disc array; and inserting the carrier in a shelf. The method can further include removing the carrier from the shelf; changing the multiple disc array configuration; and re-inserting the carrier in the shelf.